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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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J 11.25.02

Applicant: Andrew D. MURDIN

Title: CHLAMYDIA ANTIGENS AND CORRESPONDING DNA FRAGMENTS
AND USES THEREOF

Appl. No.: To be assigned

Filing Date: April 27, 2001

Examiner: Unassigned

Art Unit: Unassigned

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

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Sir:

Prior to examination of the above-identified application, Applicants respectfully request that the following amendments be entered into the application:

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IN THE CLAIMS:

Please cancel claims 1-24 in their entirety without prejudice or disclaimer and therefore insert new claims 25-63.

15 25. (New) A nucleic acid molecule comprising a nucleic acid sequence which encodes a polypeptide selected from any of:

(a) SEQ ID Nos: 27 to 45;

(b) an immunogenic fragment comprising at least 12 consecutive amino acids from a polypeptide of (a); and

20 (c) a polypeptide of (a) or (b) which has been modified without loss of immunogenicity, wherein said modified polypeptide is at least 75% identical in amino acid sequence to the corresponding polypeptide of (a) or (b).